

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Jonathan L. Schuchardt : Group Art Unit: 1713

Serial No. 10/117,903 : Examiner: unknown

Filed: April 8, 2002 :

For: OLEFIN POLYMERIZATION CATALYSTS CONTAINING :  
TRIQUINANE LIGANDS :

Assistant Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)(1)

Sir:

Applicant submits here a list of references he believes are relevant to the examination of this patent application. The references are listed on accompanying form PTO-1449, and copies of the references are enclosed.

The Examiner should also be aware of copending Appl. Ser. Nos. 09/691,285, filed October 18, 2000, (attorney docket # 88-1028A) and 09/907,180, filed July 17, 2001, (attorney docket #88-1048A), which disclose related subject matter.

Applicant respectfully asks the Examiner to consider the cited references.

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Respectfully submitted,

Jonathan L. Schuchardt

By: Jonathan L. Schuchardt

Jonathan L. Schuchardt

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May 28, 2002

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first-class mail, with sufficient postage, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on May 28, 2002.

Jonathan L. Schuchardt

Name of person signing

Jonathan L. Schuchardt

Signature

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Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Rev. 7/89		Attorney Docket: 88-1076A Serial No. 10/117,903		Examiner: Unknown Filing Date: April 8, 2002
LIST OF PRIOR ART CITED BY APPLICANT		Applicant: Jonathan L. Schuchardt		Group Art: 1713
		FOR: Olefin Polymerization Catalysts Containing Triquinane Ligands		May 28, 2001

#### U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if appropriate
	AA	4,855,322	08/08/89	Kasha et al.	514	546	06/01/87
	AB	5,153,157	10/06/92	Hlatky et al.	502	117	03/20/90
	AC	5,198,401	03/30/93	Turner et al.	502	155	07/30/91
	AD	5,241,025	08/31/93	Hlatky et al.	526	129	10/02/92
	AE	5,414,180	05/09/95	Geerts et al.	585	525	07/14/93
	AF	5,637,660	06/10/97	Nagy et al.	526	160	04/17/95
	AG	5,648,440	07/15/97	Sugano et al.	526	132	03/01/95
	AH	6,211,311	04/03/01	Wang et al.	526	131	05/25/99
	AI						
	AJ						
	AK						

#### FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							

#### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Brookhart, <u>Chem. Rev.</u> 100 (2000) 1169.
AS	G. Mehta et al., <u>J. Am. Chem. Soc.</u> 108 (1986) 3443.
AT	R. Hutchins., <u>J. Org. Chem.</u> 40 (1975) 923.

Examiner	Date Considered
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Form PTO-1449 U.S. Department of Commerce Patent and Trademark Office Rev. 7/89		Attorney Docket: 88-1076A		Examiner: Unknown
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							YES	NO
	AL							
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	AN							
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#### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	G. Kabalka et al., <u>J. Org. Chem.</u> <u>41</u> (1976) 574.
AS	O. Dailey, Jr., <u>J. Org. Chem.</u> <u>52</u> (1987) 1984.
AT	Huang-Minlon, <u>J. Am. Chem. Soc.</u> <u>68</u> (1946) 2487.

Examiner	Date Considered
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							YES	NO
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	AO							

#### OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR	J. March, <u>Advanced Organic Chemistry</u> , 2d ed. (1977) pp. 997-998.
	AS	Schlosser et al., <u>Angew. Chem., I.E. Engl.</u> 12 (1973) 508.
	AT	Lochmann et al., <u>Tetrahedron Lett.</u> (1966) 257.

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	AL								
	AM								
	AN								
	AO								

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Mehta et al., <u>J. Am. Chem. Soc.</u> <u>108</u> (1986) 3451.
AS	
AT	

Examiner	Date Considered
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<b>Notice of References Cited</b>	Application/Control No. 10/117,903	Applicant(s)/Patent Under Reexamination SCHUCHARDT, JONATHAN L.	
	Examiner Rip A. Lee	Art Unit 1713	Page 1 of 1

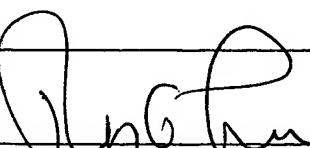
#### U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-6,544,918 B1	04-2003	Nagy et al.	502/103
	B	US-6,228,959 B1	05-2001	Nagy	526/134
	C	US-6,414,099 B1	07-2002	Hlatky et al.	526/161
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

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	N					
	O					
	P					
	Q					
	R					
	S					
	T					

#### NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages
	U	
	V	
	W	
	X	

*September 15, 2003*  
 \*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
 Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.